



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

order to get complete esterification. The ethyl dihydrochaulmoograte is washed, dried, and distilled in the same manner as the mixed esters.

HYGIENIC LABORATORY NOTE.—For reference to the earlier work on the chemistry of chaulmoogra oil and its derivatives the following references may be consulted:

The Constitution of Chaulmoogric Acid, Part I. By Power and Gornall. Published in the Transactions of the Chemical Society, 1904.

The Constituents of the Seeds of *Gynocardia Odorata*, R. Br. By Power and Barrowcliff. Published in the Transactions of the Chemical Society, 1905.

The Constitution of Chaulmoogric and Hydnocarpic Acids. By Barrowcliff and Power. Published in the Transactions of the Chemical Society, 1907.

The foregoing were all published as reprints from the Wellcome Chemical Research Laboratories, Frederick B. Power, Director. These papers were referred to in an earlier paper by Professor Dean and Doctor Wrenshall, entitled "Fractionation of Chaulmoogra Oil," Reprint No. 646, from the Public Health Reports, April 1, 1921.

THE NOTIFIABLE DISEASES.

PREVALENCE DURING 1921 IN CITIES OF OVER 100,000.¹

ANTHRAX, CEREBROSPINAL MENINGITIS, DIPHTHERIA, INFLUENZA, MALARIA, MEASLES, PELLAGRA, PNEUMONIA (ALL FORMS), POLIOMYELITIS (INFANTILE PARALYSIS), RABIES IN ANIMALS, RABIES IN MAN, SCARLET FEVER, SMALLPOX, TUBERCULOSIS (ALL FORMS AND PULMONARY), TYPHOID FEVER, AND TYPHUS FEVER—CASES AND DEATHS REPORTED, 1921; INDICATED CASE AND DEATH RATES PER 1,000 POPULATION; FATALITY RATES PER 100 CASES; AND MEDIAN NUMBER OF CASES REPORTED DURING PRECEDING YEARS.

The following tables were compiled from data furnished by the city health officers. They include all cities in the United States of 100,000 population or over.

The populations given, and which were used in computing the rates, were estimated as of July 1, 1921, except where otherwise stated. For cities which are included in the Weekly Health Index, issued by the Bureau of the Census, the estimated populations as given in that publication were used. Estimates based on the censuses of April 15, 1910, and of January 1, 1920, were made for other cities.

The figures given are for the calendar year 1921, except for Portland, Oreg., where the year began December 1, 1920, and ended November 30, 1921.

¹ It will be noted that some of the cities are apparently much more successful in obtaining reports of the notifiable diseases than are others. This may be due to the greater activity of their health departments or to a greater interest in the public welfare on the part of their practicing physicians. That the health departments of certain cities are securing fairly complete information of the prevalence of preventable diseases is indicated in a number of instances by the large numbers of cases reported as compared with the numbers of deaths registered from the same causes.

Medians ² of the total number of cases reported annually during the years 1913 to 1920 are given for cerebrospinal meningitis, diphtheria, measles, poliomyelitis (infantile paralysis), scarlet fever, smallpox, and typhoid fever. The column headed "Number of years" shows the number of years for which data were available. For pellagra, data were available only for the years 1915 to 1920, inclusive.

For all diseases except anthrax, rabies, and typhus fever there is given either the fatality rate per 100 cases or the number of cases reported for each death registered.

In comparing the figures for 1921 with the medians for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of communicable diseases during the last few years. An increase in the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases existing.

In studying these tables it should be kept in mind that a relatively large number of reported cases of a communicable disease as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate) usually means that the health department of that city is active and that the cases of the disease are being well reported by the practicing physicians. It does not usually mean that the disease is more prevalent in that city than in other cities. A high fatality rate may mean that the disease was unusually virulent in a city; that the physicians did not treat the disease in that city with the success usual elsewhere, or that the practicing physicians did not report all of their cases to the health department. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the city was unusually mild; that the physicians treated it with unusual success; that the practicing physicians reported their cases satisfactorily; or that the registration of deaths was incomplete or the assignment of the causes of death inaccurate.

Cities in which no cases of a certain disease were reported in 1921 are not included in the table for that disease.

Considerable increases in the number of cases of diphtheria and scarlet fever are indicated by the tables. Sixty-eight cities reported nearly 82,000 cases of diphtheria for the calendar year 1921, as compared with about 59,000 cases per annum during the preceding eight years. The same cities reported nearly 64,000 cases of scarlet fever for 1921, but the median for the preceding years was less than 40,000 cases.

² The median has been defined as the magnitude of the middle item in an array. If the numbers of cases reported are arranged so that the greatest number reported in any one year is first, the second greatest number is second, and so on, then the number of cases in the center of the array is the median. The following illustration shows the method followed when data for five years are available: In a city reporting 60 cases in 1915, 79 cases in 1916, 71 cases in 1917, 58 cases in 1918, and 53 cases in 1919, the median is 60 cases.

Measles was not so prevalent during 1921 as during the last few years in most of the cities.

During the calendar year 1921, 56 cities reported more than 17,000 cases of smallpox. The median for these cities during the preceding few years was less than 6,900 cases.

Reported Prevalence for the Year 1921—Medians for Previous Years.

ANTHRAX.

City.	Cases reported, 1921.	Deaths registered, 1921.	City.	Cases reported, 1921.	Deaths registered, 1921.
California:			New Jersey:		
Los Angeles.....	3	0	Camden.....	7	0
Delaware:			Jersey City.....	1	0
Wilmington.....	5	1	Newark.....	1	0
Illinois:			New York:		
Chicago.....	2	1	New York.....	9	4
Louisiana:			Ohio:		
New Orleans.....	3	1	Cleveland.....	2	1
Maryland:			Pennsylvania:		
Baltimore.....	1	0	Philadelphia.....	10	1
Massachusetts:			Tennessee:		
Worcester.....	1	0	Memphis.....	1	1
Nebraska:			Nashville.....	1	1
Omaha.....	1	0	Texas:		
			Houston.....	1	0

CEREBROSPINAL MENINGITIS.

City.	Estimated population, July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham.....	186,133	8	13	11	0.06	6	0.03	54.5
California:								
Los Angeles.....	614,160	8	30	15	.02	8	.01	53.3
Oakland.....	226,472	3	5	12	.05	0	.....	.....
San Francisco.....	520,546	8	18	47	.09	9	.02	19.1
Colorado:								
Denver.....	263,152	7	2	.....	.....	1	.00	.....
Connecticut:								
Bridgeport.....	¹ 143,555	8	12	15	.10	3	.02	20.0
Hartford.....	144,080	7	7	7	.05	4	.03	57.1
New Haven.....	167,007	6	12	6	.04	0	.....	.....
Delaware:								
Wilmington.....	113,408	3	3	2	.02	0	.....	.....
District of Columbia:								
Washington.....	¹ 437,571	7	7	8	.02	4	.01	50.0
Georgia:								
Atlanta.....	207,473	3	9	.....	.....	15	.07	.....
Illinois:								
Chicago.....	2,780,655	8	103	79	.03	33	.01	41.8
Indiana:								
Indianapolis.....	325,632	7	21	6	.02	5	.02	83.3
Iowa:								
Des Moines.....	132,663	4	4	.....	.....	1	.01	.....
Kansas:								
Kansas City.....	103,884	5	22	7	.07	3	.03	42.9
Kentucky:								
Louisville.....	236,083	7	29	5	.02	0	.....	.....
Louisiana:								
New Orleans.....	394,657	8	17	7	.02	4	.01	57.1
Maryland:								
Baltimore.....	750,864	7	36	24	.03	12	.02	50.0
Massachusetts:								
Boston.....	757,634	8	60	54	.07	28	.04	51.9
Cambridge.....	110,444	4	6	5	.05	2	.02	40.0
Fall River.....	120,668	8	8	5	.04	3	.02	60.0

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

CEREBROSPINAL MENINGITIS—Continued.

City.	Estimated population, July 1, 1921.	Median.		1921				
		Number of years.	Cases re-ported.	Cases re-ported.	Cases per 1,000 inhab-itants.	Deaths regis-tered.	Deaths per 1,000 inhab-itants.	Fatali- ties per 100 cases.
Massachusetts—Continued.								
Lowell.....	113,757	8	12			4	0.04	
New Bedford.....	125,012	5	3	12	0.10	4	.03	33.3
Springfield.....	135,877	7	4			4	.03	
Worcester.....	184,972	7	7	5	.03	1	.01	20.0
Michigan:								
Detroit.....	1,070,450	6	65	61	.06	32	.03	52.5
Grand Rapids.....	141,197	4	1			1	.01	
Minnesota:								
Minneapolis.....	392,815	4	13	8	.02	5	.01	62.5
St. Paul.....	237,781	6	5			1	.00	
Missouri:								
Kansas City.....	336,157	8	23	16	.05	10	.03	62.5
St. Louis.....	786,164	8	39	26	.03	12	.02	46.2
Nebraska:								
Omaha.....	197,066	5	5			6	.03	
New Jersey:								
Camden.....	119,672	4	3			1	.01	
Jersey City.....	302,788	8	10	14	.05	11	.04	78.6
Newark.....	424,885	8	34	23	.05	11	.03	47.8
Paterson.....	137,463	6	12	9	.07	6	.04	66.7
Trenton.....	122,760	6	2			7	.06	
New York:								
Albany.....	115,071	6	2			7	.06	
Buffalo.....	519,608	8	16	19	.04	13	.03	68.4
New York.....	5,751,867	8	290	279	.05	147	.03	52.7
Rochester.....	305,229	6	9	7	.02	1	.00	14.3
Syracuse.....	177,265	6	3	2	.01	1	.01	50.0
Yonkers.....	103,324	7	4	4	.04	3	.03	75.0
Ohio:								
Akron.....	1208,435	6	15	6	.03	4	.02	66.7
Cincinnati.....	403,418	8	25	8	.02	3	.01	37.5
Cleveland.....	831,138	8	45	21	.03	9	.01	42.9
Columbus.....	245,355	7	10			1	.00	
Dayton.....	1152,559	7	8	7	.05	0		
Youngstown.....	139,432	3	14	4	.03	1	.01	25.0
Oregon:								
Portland.....	264,859	4	4	5	.02	1	.00	20.0
Pennsylvania:								
Philadelphia.....	1,866,212	8	58	35	.02	22	.01	62.9
Pittsburgh.....	602,452	8	16			14	.02	
Reading.....	105,583	7	1			4	.04	
Scranton.....	139,007	3	5			2	.01	
Rhode Island:								
Providence.....	239,645	8	18	11	.05	8	.03	72.7
Tennessee:								
Memphis.....	165,658	4	15	13	.08	5	.03	38.5
Nashville.....	122,036	8	10	6	.05	5	.04	83.3
Texas:								
Dallas.....	165,282	6	8	5	.03	0		
Houston.....	144,340	5	4			3	.02	
San Antonio.....	171,387	7	7			7	.04	
Utah:								
Salt Lake City.....	121,595	7	5			5	.04	
Virginia:								
Norfolk.....	121,260	3	5	3	.02	2	.02	66.7
Richmond.....	175,686	4	3	5	.03	3	.02	60.0
Washington:								
Seattle.....	1315,312	7	3			3	.01	
Spokane.....	104,442	4	1			1	.01	

DIPHTHERIA.

Alabama:								
Birmingham.....	186,133	8	175	271	1.46	8	0.04	3.0
California:								
Los Angeles.....	614,160	8	664	2,842	4.63	85	.14	3.0
Oakland.....	223,472	7	157	534	2.36	37	.16	6.9
San Francisco.....	520,546	8	827	1,712	3.29	141	.27	8.2
Colorado:								
Denver.....	263,152	8	399	734	2.79	38	.14	5.2

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

DIPHTHERIA—Continued.

City.	Estimated population, July 1, 1921.	Median.		1921				
		Num-ber of years.	Cases re-ported.	Cases re-ported.	Cases per 1,000 inhab-itants.	Deaths regis-tered.	Deaths per 1,000 inhab-itants.	Fatali-ties per 100 cases.
Connecticut:								
Bridgeport.....	¹ 143,555	8	296	478	3.33	27	0.19	5.6
Hartford.....	144,080	7	361	426	2.96	15	.10	3.5
New Haven.....	167,007	8	329	501	3.00	24	.14	4.8
Delaware:								
Wilmington.....	113,408	7	84	87	.77	6	.05	6.9
District of Columbia:								
Washington.....	¹ 437,571	8	646	935	2.14	57	.13	6.1
Georgia:								
Atlanta.....	207,473	5	223	298	1.44	21	.10	7.0
Illinois:								
Chicago.....	2,780,655	8	7,025	9,313	3.35	683	.25	7.3
Indiana:								
Indianapolis.....	325,632	8	539	1,267	3.89	84	.26	6.6
Iowa:								
Des Moines.....	132,663	4	169	294	2.22	21	.16	7.1
Kansas:								
Kansas City.....	103,884	5	169	427	4.11	18	.17	4.2
Kentucky:								
Louisville.....	236,083	8	255	946	4.01	32	.14	3.4
Louisiana:								
New Orleans.....	394,657	8	853	385	.98	13	.03	3.4
Maryland:								
Baltimore.....	750,864	8	1,192	1,423	1.90	89	.12	6.3
Massachusetts:								
Boston.....	757,634	8	2,672	2,992	3.95	148	.20	4.9
Cambridge.....	110,444	5	249	227	2.06	12	.11	5.3
Fall River.....	120,668	8	184	223	1.85	23	.19	10.3
Lowell.....	113,757	8	243	263	2.31	35	.31	13.3
New Bedford.....	125,012	7	133	295	2.36	26	.21	8.8
Springfield.....	135,877	8	160	249	1.83	23	.17	9.2
Worcester.....	184,972	7	306	240	1.30	25	.14	10.4
Michigan:								
Detroit.....	1,070,450	8	3,235	4,689	4.38	334	.31	7.1
Grand Rapids.....	141,197	8	183	451	3.19	43	.30	9.5
Minnesota:								
Minneapolis.....	392,815	6	989	1,452	3.70	54	.14	3.7
St. Paul.....	237,781	8	907	822	3.46	36	.15	4.4
Missouri:								
Kansas City.....	336,157	8	521	1,221	3.63	81	.24	6.6
St. Louis.....	786,164	8	3,439	3,564	4.53	162	.21	4.5
Nebraska:								
Omaha.....	197,066	7	300	828	4.20	88	.45	10.6
New Jersey:								
Camden.....	119,672	7	193	246	2.06	24	.20	9.8
Jersey City.....	302,788	8	835	955	3.15	79	.26	8.3
Newark.....	424,885	8	1,111	1,059	2.49	42	.10	4.0
Paterson.....	137,483	8	243	386	2.81	32	.23	8.3
Trenton.....	122,760	7	240	287	2.34	30	.24	10.5
New York:								
Albany.....	115,071	8	126	356	3.09	21	.18	5.9
Buffalo.....	519,608	8	967	1,960	3.77	148	.28	7.6
New York.....	5,751,887	8	14,080	15,110	2.63	891	.15	5.9
Rochester.....	305,229	7	367	1,520	4.98	77	.25	5.1
Syracuse.....	177,265	8	300	1,050	6.09	77	.43	7.1
Yonkers.....	103,324	7	269	187	1.81	13	.13	7.0
Ohio:								
Akron.....	¹ 208,435	7	294	519	2.49	30	.14	5.8
Cincinnati.....	403,418	8	848	1,025	2.54	69	.17	6.7
Cleveland.....	831,138	8	1,969	1,788	2.15	187	.22	10.5
Columbus.....	245,358	8	321	1,014	4.13	40	.16	-3.9
Dayton.....	¹ 152,559	8	266	211	1.38	19	.12	9.0
Toledo.....	253,696	8	314	1,493	5.88	92	.36	6.2
Youngstown.....	139,432	5	184	172	1.23	4	.03	2.3
Oregon:								
Portland.....	264,859	5	132	1,567	5.92	50	.19	3.2
Pennsylvania:								
Philadelphia.....	1,866,212	8	2,619	3,382	1.81	323	.17	9.6
Pittsburgh.....	602,452	8	1,363	1,633	2.71	131	.22	8.0
Reading.....	105,593	7	171	341	3.23	39	.37	11.4
Scranton.....	139,007	7	292	266	1.91	36	.26	13.5
Rhode Island:								
Providence.....	239,645	8	822	569	2.37	18	.08	3.2
Tennessee:								
Memphis.....	165,656	4	530	597	3.60	17	.10	2.8
Nashville.....	122,036	8	102	275	2.25	13	.11	4.7

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

DIPHTHERIA—Continued.

City.	Estimated population, July 1, 1921.	Median.		1921				
		Number of years.	Cases re-reported.	Cases re-reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Texas:								
Dallas.....	165,282	6	126	253	1.56	14	0.08	5.4
Fort Worth.....	111,423	6	110	100	.90	4	.04	4.0
Houston.....	144,340	5	102	245	1.70	12	.08	4.9
San Antonio.....	171,387	7	167	184	1.07	20	.12	10.9
Utah:								
Salt Lake City.....	121,595	8	111	214	1.76	22	.18	10.3
Virginia:								
Norfolk.....	121,260	3	101	145	1.20	3	.02	2.1
Richmond.....	176,686	7	253	408	2.32	17	.10	4.2
Washington:								
Seattle.....	1 315,312	8	191	403	1.28	19	.06	4.7
Spokane.....	104,442	6	63	206	1.97	15	.14	7.3
Wisconsin:								
Milwaukee.....	468,386	7	1,017	1,404	3.00	84	.18	6.0
68 cities.....	28,176,530	.....	59,093	81,954	2.91	5,201	.18	6.3

INFLUENZA.

City.	Estimated population, July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham.....	186,133	.....	.....	37	0.20	.....
California:						
Los Angeles.....	614,160	125	0.20	21	.03	6.0
San Francisco.....	520,546	286	.55	33	.06	8.7
Colorado:						
Denver.....	263,152	.....	.....	20	.08	.....
Connecticut:						
Bridgeport.....	1 143,555	.....	.....	7	.05	.....
Hartford.....	144,080	15	.10	4	.03	3.7
New Haven.....	167,007	.....	.....	3	.02	.....
District of Columbia:						
Washington.....	1 437,571	66	.15	34	.08	1.9
Georgia:						
Atlanta.....	207,473	125	.60	19	.09	6.6
Illinois:						
Chicago.....	2,780,655	690	.25	111	.04	6.2
Iowa:						
Des Moines.....	132,663	.....	.....	11	.08	.....
Kansas:						
Kansas City.....	103,884	3	.03	1	.01	3.0
Kentucky:						
Louisville.....	263,083	11	.05	2	.01	5.5
Louisiana:						
New Orleans.....	394,657	.....	.....	54	.14	.....
Maryland:						
Baltimore.....	750,864	1,290	1.72	61	.08	21.1
Massachusetts:						
Boston.....	757,634	148	.20	22	.03	6.7
Cambridge.....	110,444	38	.34	2	.02	19.0
Fall River.....	120,668	13	.11	7	.06	1.9
Lowell.....	113,757	2	.02	1	.01	2.0
New Bedford.....	125,012	3	.02	0	.....	.....
Springfield.....	135,877	.....	.....	9	.07	.....
Worcester.....	184,972	45	.24	6	.03	7.5
Michigan:						
Detroit.....	1,070,450	89	.08	29	.03	3.1
Grand Rapids.....	141,197	7	.05	0	.....	.....
Minnesota:						
Minneapolis.....	392,815	.....	.....	31	.08	.....
St. Paul.....	237,781	.....	.....	11	.05	.....
Missouri:						
Kansas City.....	336,157	59	.18	49	.15	1.2
St. Louis.....	786,164	32	.04	8	.01	4.0

1 Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

INFLUENZA—Continued.

City.	Estimated population, July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Nebraska:						
Omaha.....	197,066	.....	.....	7	0.04	.....
New Jersey:						
Camden.....	119,672	5	0.04	2	.02	2.5
Jersey City.....	302,788	.....	.....	30	.10	.....
Newark.....	424,885	356	.84	18	.04	19.8
Paterson.....	137,463	.....	.....	1	.01	.....
Trenton.....	122,760	56	.46	14	.11	4.0
New York:						
Albany.....	115,071	127	1.10	10	.09	12.7
Buffalo.....	519,608	42	.08	3	.01	14.0
New York.....	5,751,867	2,486	.43	394	.07	6.5
Rochester.....	305,229	.....	.....	8	.03	.....
Syracuse.....	177,265	.....	.....	2	.01	.....
Yonkers.....	103,324	7	.07	4	.04	1.7
Ohio:						
Akron.....	1 208,435	15	.07	5	.02	3.0
Cincinnati.....	403,418	.....	.....	44	.11	.....
Cleveland.....	831,138	45	.05	25	.03	1.8
Columbus.....	245,358	.....	.....	21	.09	.....
Dayton.....	1 152,559	.....	.....	8	.05	.....
Toledo.....	253,696	.....	.....	22	.09	.....
Oregon:						
Portland.....	264,859	.....	.....	9	.03	.....
Pennsylvania:						
Philadelphia.....	1,866,212	176	.09	142	.08	1.2
Pittsburgh.....	602,452	79	.13	73	.12	1.1
Reading.....	105,593	.....	.....	12	.11	.....
Scranton.....	139,007	.....	.....	24	.17	.....
Rhode Island:						
Providence.....	239,645	13	.05	7	.03	1.9
Tennessee:						
Memphis.....	165,656	.....	.....	14	.08	.....
Nashville.....	122,036	.....	.....	34	.28	.....
Texas:						
Dallas.....	165,282	65	.39	17	.10	3.8
Fort Worth.....	111,423	.....	.....	7	.06	.....
Houston.....	144,340	.....	.....	7	.05	.....
San Antonio.....	171,387	.....	.....	7	.04	.....
Utah:						
Salt Lake City.....	121,595	.....	.....	4	.03	.....
Virginia:						
Richmond.....	175,686	.....	.....	19	.11	.....
Washington:						
Seattle.....	1 315,312	.....	.....	37	.12	.....
Spokane.....	104,442	33	.32	19	.18	1.7
Wisconsin:						
Milwaukee.....	468,386	.....	.....	7	.01	.....

MALARIA.

Alabama:						
Birmingham.....	186,133	26	0.14	7	0.04	3.7
California:						
Los Angeles.....	614,160	11	.02	3	.00	3.7
Oakland.....	226,472	1	.00	0	.....	.....
San Francisco.....	520,546	4	.01	2	.00	2.0
Connecticut:						
Hartford.....	144,080	1	.01	.....	.....	.....
District of Columbia:						
Washington.....	1 437,571	.....	.....	2	.00	.....
Georgia:						
Atlanta.....	207,473	50	.24	2	.01	25.0
Illinois:						
Chicago.....	2,780,655	23	.01	1	.00	23.0
Kansas:						
Kansas City.....	103,884	1	.01	0	.....	.....
Kentucky:						
Louisville.....	236,083	6	.03	2	.01	3.0
Louisiana:						
New Orleans.....	394,657	59	.15	15	.04	3.9

1 Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

MALARIA—Continued.

City.	Estimated population July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Maryland:						
Baltimore.....	750,864	20	0.03	0	.....	.....
Massachusetts:						
Boston.....	757,634	18	.02	0	.....	.....
Fall River.....	120,668	3	.02	0	.....	.....
Worcester.....	184,972	2	.01	0	.....	.....
Michigan:						
Detroit.....	1,070,450	12	.01	0	.....	.....
Missouri:						
Kansas City.....	336,157	4	.01	3	0.01	1.3
St. Louis.....	786,164	.....	.....	3	.00	.....
Nebraska:						
Omaha.....	197,066	.....	.....	1	.01	.....
New Jersey:						
Jersey City.....	302,788	7	.02	0	.....	.....
Newark.....	424,885	15	.04	0	.....	.....
Paterson.....	137,463	4	.03	0	.....	.....
Trenton.....	122,760	4	.03	0	.....	.....
New York:						
New York.....	5,751,867	110	.02	6	.00	18.3
Ohio:						
Cleveland.....	831,138	11	.01	1	.00	11.0
Oregon:						
Portland.....	264,859	.....	.....	3	.01	.....
Pennsylvania:						
Philadelphia.....	1,866,212	8	.00	1	.00	8.0
Tennessee:						
Memphis.....	165,656	251	1.52	62	.37	4.0
Nashville.....	122,036	.....	.....	4	.03	.....
Texas:						
Dallas.....	165,282	181	1.10	12	.07	15.1
Fort Worth.....	111,423	.....	.....	2	.02	.....
Houston.....	144,340	.....	.....	16	.11	.....
San Antonio.....	171,387	.....	.....	10	.06	.....
Virginia:						
Norfolk.....	121,260	6	.05	0	.....	.....
Richmond.....	175,686	.....	.....	1	.01	.....
Washington:						
Seattle.....	¹ 815,312	.....	.....	1	.00	.....

MEASLES.

City.	Estimated population July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham.....	186,133	8	1,504	373	2.00	7	0.04	1.9
California:								
Los Angeles.....	614,160	8	3,415	4,077	6.64	8	.01	.2
Oakland.....	226,472	7	445	74	.33	0	.....	.....
San Francisco.....	520,546	8	1,866	665	1.28	9	.02	1.4
Colorado:								
Denver.....	263,152	8	2,262	1,947	7.40	16	.06	.8
Connecticut:								
Bridgeport.....	¹ 143,555	7	308	77	.54	1	.01	1.3
Hartford.....	144,080	7	447	367	2.55	4	.03	1.1
New Haven.....	167,007	8	540	72	.43	1	.01	1.4
Delaware:								
Wilmington.....	113,408	5	111	24	.21	1	.01	4.2
District of Columbia:								
Washington.....	¹ 437,571	8	2,291	4,157	9.50	11	.03	.3
Georgia:								
Atlanta.....	207,473	4	535	486	2.34	8	.04	1.6

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

MEASLES—Continued.

City.	Estimated population July 1, 1921.	Median.		1921				
		Num- ber of years.	Cases re- ported.	Cases re- ported.	Cases per 1,000 inhab- itants.	Deaths regis- tered.	Deaths per 1,000 inhab- itants.	Fatali- ties per 100 cases.
Illinois:								
Chicago.....	2,780,655	8	12,078	8,731	3.14	120	0.04	1.4
Indiana:								
Indianapolis.....	325,632	8	3,818	292	.90	2	.01	.7
Iowa:								
Des Moines.....	132,663	2	71	50	.38	7	.05	14.0
Kansas:								
Kansas City.....	103,884	5	709	290	2.79	0	.....	.....
Kentucky:								
Louisville.....	236,083	8	278	1,004	4.25	0	.....	.....
Louisiana:								
New Orleans.....	394,657	8	972	883	2.24	32	.08	3.6
Maryland:								
Baltimore.....	750,864	8	4,637	2,236	2.98	25	.03	1.1
Massachusetts:								
Boston.....	757,634	8	5,484	3,396	4.48	38	.05	1.1
Cambridge.....	110,444	5	1,085	908	8.22	5	.05	.6
Fall River.....	120,668	8	560	391	3.24	28	.23	7.2
Lowell.....	113,757	8	516	731	6.43	6	.05	.8
New Bedford.....	125,012	7	439	35	.28	0	.....	.....
Springfield.....	135,877	8	625	146	1.07	4	.03	2.7
Worcester.....	184,972	7	349	1,192	6.44	19	.10	1.6
Michigan:								
Detroit.....	1,070,450	6	1,971	1,485	1.39	35	.03	2.4
Grand Rapids.....	141,197	8	1,085	43	.30	0	.....	.....
Minnesota:								
Minneapolis.....	392,815	6	1,043	397	1.01	4	.01	1.0
St. Paul.....	237,781	8	1,336	108	.45	1	.00	.9
Missouri:								
Kansas City.....	336,157	8	1,366	1,278	3.80	13	.04	1.0
St. Louis.....	786,164	7	5,321	302	.38	4	.01	1.3
Nebraska:								
Omaha.....	197,066	6	533	400	2.03	3	.02	.7
New Jersey:								
Camden.....	119,672	7	312	72	.60	0	.....	.....
Jersey City.....	302,788	8	1,157	588	1.94	24	.08	4.1
Newark.....	424,885	8	4,180	1,339	3.15	13	.03	1.0
Paterson.....	137,463	8	577	243	1.77	1	.01	.4
Trenton.....	122,760	7	346	300	2.44	4	.03	1.3
New York:								
Albany.....	115,071	8	586	891	7.74	3	.03	.3
Buffalo.....	519,608	8	3,469	1,463	2.82	26	.05	1.8
New York.....	5,751,887	8	28,047	7,738	1.35	165	.03	2.1
Rochester.....	305,229	7	1,674	82	.27	7	.02	8.5
Syracuse.....	177,265	8	1,640	1,211	6.83	6	.03	.5
Yonkers.....	103,324	7	785	267	2.58	0	.....	.....
Ohio:								
Akron.....	¹ 208,435	7	341	175	.84	0	.....	.....
Cincinnati.....	403,418	8	1,112	395	.98	13	.03	3.3
Cleveland.....	831,138	8	3,114	1,259	1.51	25	.03	2.0
Columbus.....	245,358	8	970	46	.19	3	.01	6.5
Dayton.....	¹ 152,559	8	613	36	.24	1	.01	2.8
Toledo.....	253,696	8	1,251	98	.39	0	.....	.....
Youngstown.....	139,432	5	370	1,104	7.92	11	.08	1.0
Oregon:								
Portland.....	264,859	5	1,527	1,881	7.10	0	.....	.....
Pennsylvania:								
Philadelphia.....	1,866,212	8	10,968	1,367	.73	23	.01	1.7
Pittsburgh.....	602,452	8	5,660	1,910	3.17	24	.04	1.3
Reading.....	105,593	7	945	419	3.97	3	.03	.7
Scranton.....	139,007	7	433	230	1.65	2	.01	.9
Rhode Island:								
Providence.....	239,645	8	351	2,410	10.06	45	.19	1.9
Tennessee:								
Memphis.....	165,656	4	620	1,818	10.97	4	.02	.2
Nashville.....	122,036	8	499	250	2.05	2	.02	.8
Texas:								
Dallas.....	165,282	6	64	1,919	11.61	6	.04	.3
Fort Worth.....	111,423	6	82	18	.16	2	.02	11.1
Houston.....	144,340	4	343	31	.21	0	.....	.....
San Antonio.....	171,387	7	137	293	1.71	5	.03	1.7

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

MEASLES—Continued.

City.	Estimated population July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Utah:								
Salt Lake City.....	121,595	8	1,072	1,977	16.26	23	0.19	1.2
Virginia:								
Norfolk.....	121,260	3	327	959	7.91	0	.....	.....
Richmond.....	175,686	7	1,424	992	5.65	4	.02	.4
Washington:								
Seattle.....	¹ 315,312	8	1,923	124	.39	0	.....	.....
Spokane.....	104,442	6	1,005	399	3.82	1	.01	.3
Wisconsin:								
Milwaukee.....	468,386	7	1,527	305	.65	1	.00	.3
68 cities.....	28,176,530	.....	137,451	71,226	2.53	859	.03	1.2

PELLAGRA.

City.	Estimated population July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:								
Birmingham.....	186,133	4	113	34	0.18	26	0.14	1.3
California:								
Los Angeles.....	614,160	6	7	3	.00	2	.00	1.5
San Francisco.....	520,546	3	1	5	.01	1	.00	5.0
Georgia:								
Atlanta.....	207,473	.....	.....	.....	.....	22	.11	.....
Illinois:								
Chicago.....	2,780,655	.....	.....	.....	.....	3	.00	.....
Indiana:								
Indianapolis.....	323,632	4	0	1	.00	.....	.....	.....
Kentucky:								
Louisville.....	236,083	5	2	.....	.....	1	.00	.....
Louisiana:								
New Orleans.....	394,657	6	52	30	.08	24	.06	1.2
Maryland:								
Baltimore.....	750,864	2	3	5	.01	4	.01	1.2
Massachusetts:								
Boston.....	757,634	6	6	5	.01	4	.01	1.2
Missouri:								
St. Louis.....	786,164	.....	.....	.....	.....	4	.01	.....
New York:								
Albany.....	115,071	8	0	.....	.....	1	.01	.....
New York.....	5,751,867	4	4	.....	.....	7	.00	.....
Syracuse.....	177,265	2	0	.....	.....	1	.01	.....
Ohio:								
Cleveland.....	831,138	4	1	.....	.....	1	.00	.....
Pennsylvania:								
Philadelphia.....	1,866,212	5	3	.....	.....	4	.00	.....
Pittsburgh.....	602,452	5	0	.....	.....	1	.00	.....
Tennessee:								
Memphis.....	165,656	2	103	33	.20	24	.14	1.4
Nashville.....	122,036	4	213	.....	.....	9	.07	.....
Texas:								
Dallas.....	165,282	5	35	27	.16	24	.15	1.1
Fort Worth.....	111,423	1	20	.....	.....	18	.16	.....
Houston.....	144,340	2	21	.....	.....	13	.09	.....
Virginia:								
Norfolk.....	121,260	1	3	.....	.....	7	.06	.....
Richmond.....	175,686	4	23	.....	.....	4	.02	.....
23 cities.....	² 17,584,057	.....	.....	.....	.....	205	.01	.....

¹ Enumerated population Jan. 1, 1920.² Indianapolis not included.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

PNEUMONIA (ALL FORMS).

City.	Estimated population, July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham.....	186,133	.....	.....	251	1.35	.....
California:						
Los Angeles.....	614,160	1,431	2.33	495	.81	2.9
Oakland.....	226,472	.....	.....	168	.74	.....
San Francisco.....	520,546	.....	.....	611	1.17	.....
Colorado:						
Denver.....	263,152	.....	.....	479	1.82	.....
Connecticut:						
Bridgeport.....	¹ 143,555	² 120	² .84	168	1.17	.....
Hartford.....	144,080	² 113	² .78	68	.47	.....
New Haven.....	167,007	² 49	² .29	198	1.19	.....
Delaware:						
Wilmington.....	113,408	.....	.....	160	1.41	.....
District of Columbia:						
Washington.....	¹ 437,571	.....	.....	549	1.25	.....
Georgia:						
Atlanta.....	207,473	.....	.....	347	1.67	.....
Illinois:						
Chicago.....	2,780,655	8,336	3.00	2,152	.77	3.9
Indiana:						
Indianapolis.....	325,632	.....	.....	313	.96	.....
Kansas:						
Kansas City.....	103,884	120	1.16	53	.51	2.3
Kentucky:						
Louisville.....	236,083	.....	.....	258	1.09	.....
Louisiana:						
New Orleans.....	394,657	.....	.....	492	1.25	.....
Maryland:						
Baltimore.....	750,864	2,095	2.79	1,002	1.33	2.1
Massachusetts:						
Boston.....	757,634	² 1,098	² 1.45	883	1.17	.....
Cambridge.....	110,444	² 152	² 1.38	48	.43	.....
Fall River.....	120,668	² 168	² 1.39	179	1.48	.....
Lowell.....	113,757	² 92	² .81	145	1.27	.....
New Bedford.....	125,012	² 72	² .58	29	.23	.....
Springfield.....	135,877	² 145	² 1.07	114	.84	.....
Worcester.....	184,972	² 302	² 1.63	118	.64	.....
Michigan:						
Detroit.....	1,070,450	2,054	1.92	897	.84	2.3
Grand Rapids.....	141,197	216	1.53	84	.59	2.6
Minnesota:						
Minneapolis.....	392,815	.....	.....	336	.86	.....
St. Paul.....	237,781	.....	.....	194	.82	.....
Missouri:						
Kansas City.....	336,157	.....	.....	424	1.26	.....
St. Louis.....	786,164	.....	.....	1,206	1.53	.....
Nebraska:						
Omaha.....	197,066	.....	.....	244	1.24	.....
New Jersey:						
Camden.....	119,672	.....	.....	204	1.70	.....
Jersey City.....	302,788	.....	.....	453	1.50	.....
Newark.....	424,885	2,486	5.85	382	.90	6.5
Paterson.....	137,463	.....	.....	195	1.42	.....
Trenton.....	122,760	240	1.96	168	1.37	1.4
New York:						
Albany.....	115,071	419	3.64	101	.88	4.1
Buffalo.....	519,608	1,114	2.14	378	.73	2.9
New York.....	5,751,867	14,144	2.46	6,477	1.13	2.2
Rochester.....	305,229	548	1.80	235	.77	2.3
Syracuse.....	177,265	294	1.66	155	.87	1.9
Yonkers.....	103,324	216	2.09	99	.96	2.2
Ohio:						
Akron.....	¹ 208,435	.....	.....	171	.82	.....
Cincinnati.....	403,418	.....	.....	427	1.06	.....
Cleveland.....	831,138	1,113	1.34	784	.94	1.4
Columbus.....	245,358	.....	.....	221	.90	.....
Dayton.....	¹ 152,559	.....	.....	103	.68	.....
Toledo.....	253,696	.....	.....	168	.66	.....
Youngstown.....	139,432	.....	.....	151	1.08	.....
Oregon:						
Portland.....	264,859	.....	.....	200	.76	.....

¹ Enumerated population Jan. 1, 1920.² Lobar pneumonia only.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Estimated population, July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Pennsylvania:						
Philadelphia.....	1,866,212	3,525	1.89	2,441	1.31	1.4
Pittsburgh.....	602,452			1,730	2.87	
Reading.....	105,593			134	1.27	
Scranton.....	139,007			224	1.61	
Rhode Island:						
Providence.....	239,645			281	1.17	
Tennessee:						
Memphis.....	165,656			246	1.49	
Nashville.....	122,036			92	.75	
Texas:						
Dallas.....	165,282	200	1.21	132	.80	1.5
Fort Worth.....	111,423			106	.95	
Houston.....	144,340			113	.78	
San Antonio.....	171,387			181	1.06	
Utah:						
Salt Lake City.....	121,595			127	1.04	
Virginia:						
Richmond.....	175,686			220	1.25	
Washington:						
Seattle.....	1315,312			25	.08	
Spokane.....	104,442	153	1.46	133	1.27	1.2
Wisconsin:						
Milwaukee.....	468,386			404	.86	
67 cities.....	27,922,607			30,326	1.09	

POLIOMYELITIS (INFANTILE PARALYSIS).

City.	Estimated population, July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham.....	186,133	8	3	1	0.01	0		
California:								
Los Angeles.....	614,160	8	12	17	.03	5	0.01	29.4
Oakland.....	226,472	6	2	9	.04	0		
San Francisco.....	520,546	8	7	60	.12	11	.02	18.3
Colorado:								
Denver.....	263,152	6	3			3	.01	
Connecticut:								
Bridgeport.....	143,555	6	2	8	.06	4	.03	50.0
Hartford.....	144,080	7	4	4	.03	2	.01	50.0
New Haven.....	167,007	6	2	9	.05	3	.02	33.3
District of Columbia;								
Washington.....	1437,571	8	6	40	.09	7	.02	17.5
Georgia:								
Atlanta.....	207,473	5	0	2	.01	0		
Illinois:								
Chicago.....	2,780,655	8	87	135	.05	30	.01	22.2
Indiana:								
Indianapolis.....	325,632	7	3	2	.01	0		
Iowa:								
Des Moines.....	132,663	3	2			6	.05	
Louisiana:								
New Orleans.....	394,657	8	4	5	.01	0		
Maryland:								
Baltimore.....	750,864	8	20	148	.20	22	.03	14.9
Massachusetts:								
Boston.....	757,634	8	21	50	.07	12	.02	24.0
Cambridge.....	110,444	5	6	4	.04	0		
Fall River.....	120,668	7	5	2	.02	0		

¹ Enumerated population, Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated population July 1, 1921.	Median.		1921				
		Num- ber of years.	Cases re- ported.	Cases re- ported.	Cases per 1,000 inhab- itants.	Deaths regis- tered.	Deaths per 1,000 inhab- itants.	Fatali- ties per 100 cases.
Massachusetts—Continued.								
Lowell.....	113,757	7	9	1	.01	0	.....	.....
New Bedford.....	125,012	7	1	2	.02	0	.....	.....
Springfield.....	135,877	8	6	8	.06	0	.....	.....
Michigan:								
Detroit.....	1,070,450	6	17	111	.10	26	.02	23.4
Grand Rapids.....	141,197	7	4	4	.03	1	.01	25.0
Minnesota:								
Minneapolis.....	392,815	6	6	44	.11	10	.03	22.7
St. Paul.....	237,781	8	4	36	.15	4	.02	11.1
Missouri:								
Kansas City.....	336,157	6	5	23	.07	7	.02	30.4
St. Louis.....	786,164	8	14	51	.06	19	.02	37.3
Nebraska:								
Omaha.....	197,066	6	4	6	.03	3	.02	50.0
New Jersey:								
Camden.....	119,672	6	1	2	.02	0	.....	.....
Jersey City.....	302,788	8	2	16	.05	3	.01	18.7
Newark.....	424,885	8	20	15	.04	4	.01	26.7
Paterson.....	137,463	8	2	19	.14	3	.02	15.8
Trenton.....	122,760	7	1	4	.03	1	.01	25.0
New York:								
Buffalo.....	519,608	8	8	14	.03	5	.01	35.7
New York.....	5,751,867	8	136	588	.10	143	.02	24.3
Rochester.....	305,229	7	3	8	.03	1	.00	12.5
Syracuse.....	177,265	7	4	15	.08	2	.01	13.3
Yonkers.....	103,324	7	1	5	.05	2	.02	40.0
Ohio:								
Akron.....	1208,435	5	6	15	.07	8	.04	53.3
Cincinnati.....	403,418	7	8	10	.02	3	.01	30.0
Cleveland.....	831,138	8	28	36	.04	5	.01	13.9
Columbus.....	245,358	7	3	.....	.....	4	.02	.....
Dayton.....	1152,559	7	2	5	.03	2	.01	40.0
Toledo.....	253,696	6	10	4	.02	2	.01	50.0
Youngstown.....	139,432	5	3	12	.09	5	.04	41.7
Oregon:								
Portland.....	264,859	5	3	13	.05	4	.02	30.8
Pennsylvania:								
Philadelphia.....	1,866,212	8	18	52	.03	8	.00	15.4
Pittsburgh.....	602,452	8	13	21	.03	6	.01	28.6
Reading.....	105,593	7	2	.....	.....	1	.01	.....
Rhode Island:								
Providence.....	239,645	8	9	2	.01	0	.....	.....
Tennessee:								
Memphis.....	165,656	4	0	.....	.....	1	.01	.....
Nashville.....	122,036	6	1	.....	.....	2	.02	.....
Utah:								
Salt Lake City.....	121,595	6	4	.....	.....	3	.02	.....
Virginia:								
Norfolk.....	121,260	3	0	11	.09	0	.....	.....
Richmond.....	175,686	5	5	10	.06	1	.01	10.0
Washington:								
Seattle.....	1315,312	7	2	41	.13	14	.04	34.1
Spokane.....	104,442	6	1	35	.84	18	.17	51.4
Wisconsin:								
Milwaukee.....	468,386	5	16	32	.07	6	.01	18.7
58 cities.....	26,691,673	.....	.....	.....	.....	432	.02	.....

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

RABIES IN ANIMALS.

City.	Cases reported, 1921.	City.	Cases reported, 1921.
Alabama:		New Jersey:	
Birmingham.....	54	Jersey City.....	6
California:		New York:	
Los Angeles.....	40	New York.....	85
District of Columbia:		Ohio:	
Washington.....	12	Cincinnati.....	5
Kentucky:		Cleveland.....	106
Louisville.....	6	Dayton.....	5
Massachusetts:		Rhode Island:	
Boston.....	15	Providence.....	14
Springfield.....	2	Virginia:	
Michigan:		Richmond.....	3
Detroit.....	30	Wisconsin:	
Missouri:		Milwaukee.....	1
Kansas City.....	52		
St. Louis.....	26		

RABIES IN MAN.

City.	Cases reported, 1921.	Deaths registered, 1921.	City.	Cases reported, 1921.	Deaths registered, 1921.
California:			Ohio:		
Los Angeles.....	1	1	Cleveland.....		1
Kentucky:			Pennsylvania:		
Louisville.....	1	1	Pittsburgh.....	1	1
Massachusetts:			Rhode Island:		
Boston.....	1	1	Providence.....	2	2
New York:			Texas:		
New York.....		3	Houston.....	1	1
Rochester.....	1	1			

SCARLET FEVER.

City.	Estimated population July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham.....	186,133	8	205	168	0.90	3	0.02	1.8
California:								
Los Angeles.....	614,160	8	450	853	1.39	28	.05	3.3
Oakland.....	226,472	7	281	269	1.19	2	.01	.7
San Francisco.....	520,546	8	429	574	1.10	5	.01	.9
Colorado:								
Denver.....	263,152	8	432	480	1.82	7	.03	1.5
Connecticut:								
Bridgeport.....	¹ 143,555	8	144	521	3.63	23	.16	4.4
Hartford.....	144,080	7	160	170	1.18	11	.08	6.5
New Haven.....	167,007	8	223	781	4.68	8	.05	1.0
Delaware:								
Wilmington.....	113,408	7	82	371	3.27	5	.04	1.3
District of Columbia:								
Washington.....	¹ 437,571	8	624	853	1.95	9	.02	1.1
Georgia:								
Atlanta.....	207,473	5	177	290	1.40	8	.04	2.8
Illinois:								
Chicago.....	2,780,655	8	6,553	5,459	1.96	180	.06	3.3
Indiana:								
Indianapolis.....	325,632	8	559	1,443	4.43	20	.03	1.4

¹ Estimated population Jan. 1, 1921.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

SCARLET FEVER—Continued.

City.	Estimated population July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Iowa:								
Des Moines.....	132,663	4	183	340	2.56	2	.02	.6
Kansas:								
Kansas City.....	103,884	5	179	143	1.38	0	.....	.....
Kentucky:								
Louisville.....	236,083	8	203	553	2.34	7	.03	1.3
Louisiana:								
New Orleans.....	394,657	8	119	247	.63	3	.01	1.2
Maryland:								
Baltimore.....	750,864	8	1,052	1,065	1.42	11	.01	1.0
Massachusetts:								
Boston.....	757,634	8	2,027	1,999	2.64	53	.07	2.7
Cambridge.....	110,444	5	161	258	2.34	2	.02	.8
Fall River.....	120,668	8	130	118	.98	2	.02	1.7
Lowell.....	113,757	8	111	50	.44	0	.....	.....
New Bedford.....	125,012	7	137	225	1.80	1	.01	.4
Springfield.....	135,877	8	178	336	2.47	2	.01	.6
Worcester.....	184,972	7	272	399	2.16	13	.07	3.3
Michigan:								
Detroit.....	1,070,450	8	1,751	3,125	2.92	117	.11	3.7
Grand Rapids.....	141,197	8	321	297	2.10	2	.01	.7
Minnesota:								
Minneapolis.....	302,815	6	690	2,359	6.01	54	.14	2.3
St. Paul.....	237,781	8	514	1,137	4.78	20	.08	1.8
Missouri:								
Kansas City.....	336,157	8	335	395	1.18	8	.02	2.0
St. Louis.....	786,164	8	1,134	1,735	2.21	40	.05	2.3
Nebraska:								
Omaha.....	197,066	7	412	344	1.75	5	.03	1.5
New Jersey:								
Camden.....	119,672	7	95	272	2.27	1	.01	.4
Jersey City.....	302,788	8	601	533	1.76	8	.03	1.5
Newark.....	424,885	8	852	1,948	4.58	25	.06	1.3
Paterson.....	137,463	8	118	226	1.64	6	.04	2.7
Trenton.....	122,760	7	94	266	2.17	8	.07	3.0
New York:								
Albany.....	115,071	8	163	144	1.25	2	.02	1.4
Buffalo.....	519,608	8	641	1,131	2.18	55	.11	4.9
New York.....	5,751,867	8	6,398	13,516	2.35	385	.07	2.8
Rochester.....	305,229	7	511	291	.95	19	.06	6.5
Syracuse.....	177,265	8	375	775	4.37	13	.07	1.7
Yonkers.....	103,324	7	167	384	3.72	9	.09	2.3
Ohio:								
Akron.....	1208,435	7	279	540	2.59	12	.06	2.2
Cincinnati.....	403,418	8	459	644	1.60	13	.03	2.0
Cleveland.....	831,138	8	742	2,357	2.84	120	.14	5.1
Columbus.....	245,358	8	300	439	1.79	14	.06	3.2
Dayton.....	1152,559	8	247	176	1.15	15	.10	8.5
Toledo.....	253,696	8	518	442	1.74	7	.03	1.6
Youngstown.....	139,432	5	172	364	2.61	13	.09	3.6
Oregon:								
Portland.....	264,859	5	392	265	1.00	3	.01	1.1
Pennsylvania:								
Philadelphia.....	1,866,212	8	1,806	6,432	3.45	104	.06	1.6
Pittsburgh.....	602,452	8	1,071	1,739	2.89	48	.08	2.8
Reading.....	105,593	7	143	161	1.52	1	.01	.6
Scranton.....	139,007	7	204	171	1.23	3	.02	1.8
Rhode Island:								
Providence.....	239,645	8	563	319	1.33	6	.03	1.9
Tennessee:								
Memphis.....	165,656	4	189	167	1.01	2	.01	1.2
Nashville.....	122,036	7	111	233	1.95	3	.02	1.3
Texas:								
Dallas.....	165,282	6	97	110	.67	0	.....	.....
Fort Worth.....	111,423	6	63	51	.46	0	.....	.....
Houston.....	144,340	5	38	50	.35	0	.....	.....
San Antonio.....	171,387	7	37	42	.25	0	.....	.....
Utah:								
Salt Lake City.....	121,595	8	188	342	2.81	4	.03	1.2
Virginia:								
Norfolk.....	121,260	3	70	182	1.50	2	.02	1.1
Richmond.....	175,686	7	221	231	1.31	1	.01	.4

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

SCARLET FEVER—Continued.

City.	Estimated population July 1, 1921.	Median.		1921				
		Number of years.	Cases re-reported.	Cases re-reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Washington:								
Seattle.....	1 315,312	8	218	300	0.95	2	0.01	0.7
Spokane.....	104,442	6	116	290	2.78	4	.04	1.4
Wisconsin:								
Milwaukee.....	468,336	7	1,287	1,322	2.82	54	.12	4.1
68 cities.....	28,176,530	.....	39,774	64,217	2.28	1,613	.06	2.5

SMALLPOX.

Alabama:								
Birmingham.....	186,133	8	122	357	1.92	1	0.01	0.3
California:								
Los Angeles.....	614,160	8	69	244	.40	.....	.....	.....
Oakland.....	226,472	7	20	261	1.15	0	.....	.....
San Francisco.....	520,546	8	74	992	1.91	1	.00	.1
Colorado:								
Denver.....	263,152	8	140	924	3.51	37	.14	4.0
Connecticut:								
Bridgeport.....	1 143,555	8	0	7	.05	0	.....	.....
District of Columbia:								
Washington.....	1 437,571	8	68	66	.15	.....	.....	.....
Georgia:								
Atlanta.....	207,473	4	175	653	3.15	3	.01	.5
Illinois:								
Chicago.....	2,780,655	8	117	246	.09	4	.00	1.6
Indiana:								
Indianapolis.....	325,632	8	243	362	1.11	2	.01	.6
Iowa:								
Des Moines.....	132,663	4	163	223	1.68	.....	.....	.....
Kansas:								
Kansas City.....	103,884	5	244	243	2.34	15	.14	6.2
Kentucky:								
Louisville.....	236,083	8	52	67	.28	0	.....	.....
Louisiana:								
New Orleans.....	394,657	8	145	372	.94	39	.10	10.5
Maryland:								
Baltimore.....	750,864	7	34	15	.02	0	.....	.....
Massachusetts:								
Boston.....	757,634	8	4	6	.01	0	.....	.....
Worcester.....	184,972	5	0	6	.03	0	.....	.....
Michigan:								
Detroit.....	1,070,450	8	472	846	.79	2	.00	.2
Grand Rapids.....	141,197	7	39	13	.09	0	.....	.....
Minnesota:								
Minneapolis.....	392,815	6	541	2,615	6.66	3	.01	.1
St. Paul.....	237,781	8	219	1,562	6.57	2	.01	.1
Missouri:								
Kansas City.....	336,157	8	394	943	2.81	156	.46	16.5
St. Louis.....	786,164	8	141	524	.67	0	.....	.....
Nebraska:								
Omaha.....	197,066	6	458	445	2.26	3	.02	.7
New Jersey:								
Camden.....	119,672	5	3	12	.10	0	.....	.....
Jersey City.....	302,788	7	1	7	.02	0	.....	.....
Newark.....	424,885	5	2	13	.03	0	.....	.....
Trenton.....	122,760	5	0	16	.13	0	.....	.....
New York:								
Albany.....	115,071	8	0	1	.01	0	.....	.....
Buffalo.....	519,608	8	21	5	.01	1	.00	20.0
New York.....	5,751,867	8	19	29	.01	0	.....	.....
Rochester.....	305,229	6	2	3	.01	0	.....	.....
Syracuse.....	177,265	6	1	5	.03	0	.....	.....
Ohio:								
Akron.....	1 208,435	7	82	163	.78	0	.....	.....
Cincinnati.....	403,418	7	81	118	.29	1	.00	.8
Cleveland.....	831,138	8	169	87	.10	0	.....	.....
Columbus.....	245,358	8	77	273	1.11	0	.....	.....
Dayton.....	1 152,559	7	17	67	.44	0	.....	.....
Toledo.....	253,696	8	169	504	1.99	.....	.....	.....
Youngstown.....	139,432	5	202	9	.06	0	.....	.....

1 Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

SMALLPOX—Continued.

City.	Estimated population July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Oregon:								
Portland.....	264,859	5	137	561	2.12	1	0.00	0.2
Pennsylvania:								
Philadelphia.....	1,866,212	7	12	3	.00	0	.....	.....
Pittsburgh.....	602,452	8	12	8	.01	0	.....	.....
Rhode Island:								
Providence.....	239,645	7	0	1	.00	0	.....	.....
Tennessee:								
Memphis.....	165,656	4	239	150	.91	0	.....	.....
Nashville.....	122,036	8	33	125	1.02	0	.....	.....
Texas:								
Dallas.....	165,282	6	299	140	.85	0	.....	.....
Fort Worth.....	111,423	6	152	46	.41	2	.02	4.3
Houston.....	144,340	5	45	43	.30	1	.01	2.3
San Antonio.....	171,387	7	30	13	.08	2	.01	15.4
Utah:								
Salt Lake City.....	121,595	8	252	738	6.07	1	.01	.1
Virginia:								
Norfolk.....	121,260	3	76	19	.16	0	.....	.....
Richmond.....	175,686	7	5	15	.09	0	.....	.....
Washington:								
Seattle.....	¹ 315,312	8	93	565	1.79	1	.00	.2
Spokane.....	104,442	6	366	955	9.14	1	.01	.1
Wisconsin:								
Milwaukee.....	463,386	7	332	517	1.10	0	.....	.....
56 cities.....	29,660,890	.....	6,863	17,203	.65	279	.01	1.6

TUBERCULOSIS (ALL FORMS).

City.	Estimated population July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham.....	186,133	.....	.....	251	1.35	.....
California:						
Los Angeles.....	614,160	3,162	5.15	1,033	1.68	3.1
Oakland.....	226,472	165	.73	148	.65	1.1
San Francisco.....	520,546	.....	.....	638	1.23	.....
Colorado:						
Denver.....	263,152	.....	.....	575	2.19	.....
Connecticut:						
Bridgeport.....	¹ 143,555	227	1.58	140	.98	1.6
New Haven.....	167,007	405	2.43	124	.74	3.3
Delaware:						
Wilmington.....	113,408	.....	.....	110	.97	.....
District of Columbia:						
Washington.....	¹ 437,571	1,267	2.90	539	1.23	2.4
Georgia:						
Atlanta.....	207,473	.....	.....	242	1.17	.....
Illinois:						
Chicago.....	2,780,655	10,593	3.81	2,330	.84	4.5
Indiana:						
Indianapolis.....	325,632	.....	.....	398	1.22	.....
Iowa:						
Des Moines.....	132,663	.....	.....	77	.58	.....
Kansas:						
Kansas City.....	103,884	208	2.00	105	1.01	2.0
Kentucky:						
Louisville.....	236,083	469	1.99	260	1.10	1.8
Louisiana:						
New Orleans.....	394,657	1,102	2.79	746	1.89	1.5

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

TUBERCULOSIS (ALL FORMS)—Continued.

City.	Estimated population July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Maryland:						
Baltimore.....	750,864	1,406	1.87	1,050	1.40	1.3
Massachusetts:						
Boston.....	757,634	2,543	3.36	877	1.16	2.9
Cambridge.....	110,444	243	2.20	136	1.23	1.8
Fall River.....	120,668	249	2.06	117	.97	2.1
Lowell.....	113,757	243	2.18	85	.75	2.9
New Bedford.....	125,012	339	2.71	152	1.22	2.2
Springfield.....	135,877	196	1.44	102	.75	1.9
Worcester.....	184,972	271	1.47	175	.95	1.5
Michigan:						
Detroit.....	1,070,450	2,255	2.11	888	.83	2.5
Grand Rapids.....	141,197	271	1.92	85	.60	3.2
Minnesota:						
Minneapolis.....	392,815	1,435	3.65	339	.86	4.2
St. Paul.....	237,781	579	2.44	238	1.00	2.4
Missouri:						
Kansas City.....	336,157			334	.99	
St. Louis.....	786,164	1,773	2.26	816	1.04	2.2
Nebraska:						
Omaha.....	197,066			147	.75	
New Jersey:						
Camden.....	119,672	132	1.10	90	.75	1.5
Jersey City.....	302,788	533	1.76	318	1.05	1.7
Newark.....	424,885	1,247	2.93	446	1.05	2.8
Paterson.....	137,463	279	2.03	112	.81	2.5
Trenton.....	122,760	265	2.16	164	1.34	1.6
New York:						
Albany.....	115,071	267	2.32	139	1.21	1.9
Buffalo.....	519,603	1,085	2.09	543	1.05	2.0
New York.....	5,751,867	13,457	2.34	5,922	1.03	2.3
Rochester.....	305,229	583	1.91	102	.33	5.7
Syracuse.....	177,265			124	.70	
Yonkers.....	103,324	256	2.48	107	1.04	2.4
Ohio:						
Akron.....	1208,435	425	2.04	84	.40	5.1
Cincinnati.....	403,418	1,137	2.82	588	1.46	1.9
Cleveland.....	831,138	1,866	2.25	803	.97	2.3
Columbus.....	245,358			231	.94	
Dayton.....	1152,559			127	.83	
Toledo.....	253,696			316	1.25	
Youngstown.....	139,432	123	.88	82	.59	1.5
Oregon:						
Portland.....	264,859	361	1.36	173	.65	2.1
Pennsylvania:						
Philadelphia.....	1,866,212	3,632	1.95	2,167	1.16	1.7
Pittsburgh.....	602,452			693	1.00	
Reading.....	105,593			71	.67	
Scranton.....	139,007			98	.71	
Rhode Island:						
Providence.....	239,645			236	.98	
Tennessee:						
Memphis.....	165,656	713	4.30	261	1.58	2.7
Nashville.....	122,036			184	1.51	
Texas:						
Dallas.....	165,282	240	1.45	140	.85	1.7
Houston.....	144,340	194	1.34	143	.99	1.4
San Antonio.....	171,387			421	2.46	
Utah:						
Salt Lake City.....	121,595			66	.54	
Virginia:						
Norfolk.....	121,260	193	1.59	145	1.20	1.3
Richmond.....	175,686			255	1.45	
Washington:						
Seattle.....	1315,312	458	1.45	219	.69	2.1
Spokane.....	104,442	127	1.22	67	.64	1.9
Wisconsin:						
Milwaukee.....	468,386			308	.66	
66 cities.....	27,921,027			29,112	1.04	

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

TUBERCULOSIS (PULMONARY).

City.	Estimated population July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Alabama:						
Birmingham	186,133	264	1.42	211	1.13 ¹	1.3
California:						
Los Angeles	614,160	.....	.....	870	1.42	.....
Oakland	226,472	162	.72	121	.53	1.3
San Francisco	520,546	1,347	2.59	520	1.00	2.6
Colorado:						
Denver	263,152	.....	.....	494	1.88	.....
Connecticut:						
Bridgeport	¹ 143,555	218	1.52	128	.89	1.7
Hartford	144,080	208	1.44	61	.42	3.4
New Haven	167,007	361	2.16	87	.52	4.1
Delaware:						
Wilmington	113,408	.....	.....	90	.79	.....
District of Columbia:						
Washington	¹ 437,571	1,244	2.84	463	1.06	2.7
Illinois:						
Chicago	2,780,655	.....	.....	1,935	.70	.....
Indiana:						
Indianapolis	325,632	614	1.89	319	.98	1.9
Iowa:						
Des Moines	132,663	.....	.....	64	.48	.....
Louisiana:						
New Orleans	394,657	.....	.....	650	1.65	.....
Maryland:						
Baltimore	750,884	1,390	1.85	889	1.18	1.6
Massachusetts:						
Boston	757,634	2,177	2.87	760	1.00	2.9
Cambridge	110,444	204	1.85	120	1.09	1.7
Fall River	120,668	213	1.77	93	.77	2.3
Lowell	113,757	219	1.93	62	.55	3.5
New Bedford	125,012	298	2.38	123	.98	2.4
Springfield	135,877	169	1.24	73	.54	2.3
Worcester	184,972	223	1.21	132	.71	1.7
Michigan:						
Detroit	1,070,450	2,079	1.94	736	.69	2.8
Minnesota:						
Minneapolis	392,815	.....	.....	289	.74	.....
St. Paul	237,781	.....	.....	191	.80	.....
Missouri:						
St. Louis	786,164	.....	.....	723	.92	.....
Nebraska:						
Omaha	197,066	.....	.....	123	.62	.....
New Jersey:						
Jersey City	302,788	.....	.....	274	.90	.....
Newark	424,885	.....	.....	392	.92	.....
Paterson	137,463	.....	.....	104	.76	.....
Trenton	122,760	244	1.99	151	1.23	1.6
New York:						
Albany	115,071	.....	.....	113	.98	.....
Buffalo	519,608	955	1.84	466	.90	2.0
New York	5,751,867	12,966	2.25	5,143	.89	2.5
Syracuse	177,265	.....	.....	82	.46	.....
Yonkers	103,324	241	2.33	93	.90	2.6
Ohio:						
Akron	¹ 208,435	356	1.71	71	.34	5.0
Cincinnati	403,418	1,070	2.65	518	1.28	2.1
Cleveland	831,138	1,792	2.16	650	.78	2.8
Columbus	245,358	.....	.....	183	.75	.....
Dayton	¹ 152,559	.....	.....	114	.75	.....
Toledo	253,696	.....	.....	280	1.10	.....
Youngstown	139,432	122	.87	60	.43	2.0
Oregon:						
Portland	264,859	.....	.....	116	.44	.....
Pennsylvania:						
Philadelphia	1,866,212	.....	.....	1,912	1.02	.....
Pittsburgh	602,452	920	1.53	481	.80	1.9
Reading	105,593	96	.91	70	.66	1.4
Scranton	130,007	.....	.....	66	.47	.....
Rhode Island:						
Providence	239,645	.....	.....	179	.75	.....
Tennessee:						
Memphis	165,656	638	3.85	219	1.32	2.9
Nashville	122,036	.....	.....	142	1.16	.....

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

TUBERCULOSIS (PULMONARY)—Continued.

City.	Estimated population July 1, 1921.	Cases reported, 1921.	Cases per 1,000 inhabitants.	Deaths registered, 1921.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.
Texas:						
Dallas.....	165,282	238	1.44	122	0.74	2.0
Houston.....	144,340			120	.83	
Utah:						
Salt Lake City.....	121,595			56	.46	
Virginia:						
Richmond.....	175,686	648	3.69	211	1.20	3.1
Washington:						
Seattle.....	¹ 315,312	385	1.22	145	.46	2.2
Spokane.....	104,442	110	1.05	50	.48	2.7
Wisconsin:						
Milwaukee.....	468,386	835	1.78	246	.53	3.4
59 cities.....	26,322,765			23,156	.88	

TYPHOID FEVER.

City.	Estimated population July 1, 1921.	Median.		1921.				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Alabama:								
Birmingham.....	186,133	8	364	206	1.11	32	0.17	15.5
California:								
Los Angeles.....	614,160	8	193	76	.12	16	.03	21.1
Oakland.....	226,472	7	73	60	.26	2	.01	3.3
San Francisco.....	520,546	8	186	139	.27	22	.04	15.8
Colorado:								
Denver.....	263,152	8	130	75	.29	12	.05	16.0
Connecticut:								
Bridgeport.....	¹ 143,555	8	30	12	.08	4	.03	33.3
Hartford.....	144,080	7	51	88	.61	10	.07	11.4
New Haven.....	167,007	8	72	97	.58	8	.05	8.2
Delaware:								
Wilmington.....	113,408	7	122	33	.29	5	.04	15.2
District of Columbia:								
Washington.....	¹ 437,571	8	323	195	.45	29	.07	14.9
Georgia:								
Atlanta.....	207,473	5	98	94	.45	24	.12	25.5
Illinois:								
Chicago.....	2,780,655	8	631	232	.08	30	.01	12.9
Indiana:								
Indianapolis.....	325,632	8	172	89	.27	23	.07	25.8
Kansas:								
Kansas City.....	103,884	4	57	47	.45	5	.05	10.6
Kentucky:								
Louisville.....	236,083	8	136	119	.50	13	.06	10.9
Louisiana:								
New Orleans.....	394,657	8	230	151	.38	37	.09	24.5
Maryland:								
Baltimore.....	750,864	8	643	269	.36	41	.05	15.2
Massachusetts:								
Boston.....	757,634	8	193	142	.19	24	.03	16.9
Cambridge.....	110,444	5	23	12	.11	0		
Fall River.....	120,668	8	149	77	.64	3	.02	3.0
Lowell.....	113,757	8	49	27	.24	6	.05	22.2
New Bedford.....	125,012	7	64	21	.17	3	.02	14.3
Springfield.....	135,877	8	42	11	.08	6	.04	54.5
Worcester.....	184,972	7	49	35	.19	6	.03	17.1
Michigan:								
Detroit.....	1,070,450	7	417	392	.37	55	.05	14.0
Grand Rapids.....	141,197	8	106	31	.22	6	.04	19.4
Minnesota:								
Minneapolis.....	392,815	6	160	145	.37	3	.01	2.1
St. Paul.....	237,781	8	78	121	.51	17	.07	14.0

¹ Enumerated population Jan. 1, 1920.

Reported Prevalence for the Year 1921—Medians for Previous Years—Continued.

TYPHOID FEVER—Continued.

City.	Estimated population July 1, 1921.	Median.		1921				
		Number of years.	Cases reported.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.
Missouri:								
Kansas City.....	336,157	8	87	107	0.32	38	0.11	35.5
St. Louis.....	786,164	8	411	175	.22	30	.04	17.1
Nebraska:								
Omaha.....	197,066	6	36	39	.20	8	.04	20.5
New Jersey:								
Camden.....	119,672	7	43	27	.23	8	.07	29.6
Jersey City.....	302,788	8	50	58	.19	11	.04	19.0
Newark.....	424,885	7	111	74	.17	12	.03	16.2
Paterson.....	137,463	8	35	24	.17	8	.06	33.3
Trenton.....	122,760	7	42	161	1.31	11	.09	6.8
New York:								
Albany.....	115,071	8	86	27	.23	5	.04	18.5
Buffalo.....	519,608	8	221	107	.21	22	.04	20.6
New York.....	5,751,867	8	1,529	899	.16	123	.02	13.7
Rochester.....	305,229	7	50	59	.19	10	.03	16.9
Syracuse.....	177,265	8	60	136	.77	7	.04	5.1
Yonkers.....	103,324	7	16	9	.09	3	.03	33.3
Ohio:								
Akron.....	1208,435	7	84	51	.24	12	.06	23.5
Cincinnati.....	403,418	8	119	67	.17	14	.03	20.9
Cleveland.....	831,138	8	207	168	.20	29	.03	17.3
Columbus.....	245,358	8	135	82	.33	10	.04	12.2
Dayton.....	1152,559	8	80	47	.31	8	.05	17.0
Toledo.....	253,696	8	213	182	.72	22	.09	12.1
Youngstown.....	139,432	5	85	85	.61	17	.12	20.0
Oregon:								
Portland.....	264,859	5	47	34	.13	8	.03	23.5
Pennsylvania:								
Philadelphia.....	1,868,212	8	682	394	.21	42	.02	10.7
Pittsburgh.....	602,452	8	279	250	.41	26	.04	10.4
Reading.....	105,593	7	60	103	.98	14	.13	13.6
Scranton.....	139,007	7	22	13	.09	9	.06	69.2
Rhode Island:								
Providence.....	239,645	8	132	38	.16	6	.03	15.8
Tennessee:								
Memphis.....	165,656	4	183	115	.69	15	.09	13.0
Nashville.....	122,036	8	280	176	1.44	25	.20	14.2
Texas:								
Dallas.....	165,282	6	120	93	.56	21	.13	22.6
Fort Worth.....	111,423	4	66	28	.25	12	.11	42.9
Houston.....	144,340	4	71	47	.33	17	.12	36.2
San Antonio.....	171,387	7	84	69	.40	26	.15	37.7
Utah:								
Salt Lake City.....	121,505	8	110	43	.35	7	.06	16.3
Virginia:								
Norfolk.....	121,260	3	43	37	.31	6	.05	16.2
Richmond.....	175,686	7	105	72	.41	10	.06	13.9
Washington:								
Seattle.....	1315,312	8	61	100	.32	7	.02	7.0
Spokane.....	104,442	6	45	26	.25	5	.05	19.2
Wisconsin:								
Milwaukee.....	468,386	7	103	36	.08	9	.02	25.0
67 cities.....	28,043,867	.....	11,034	7,254	.26	1,115	.04	15.4

TYPHUS FEVER.

City.	Cases reported, 1921.	Deaths registered, 1921.	City.	Cases reported, 1921.	Deaths registered, 1921.
California:			New York:		
Los Angeles.....	5	1	New York.....	38	4
Maryland:			Ohio:		
Baltimore.....	3	1	Cleveland.....	1	0
Massachusetts:			Youngstown.....	1	0
Boston.....	1	0	7 cities.....	50	6
New Jersey:					
Paterson.....	1	0			

¹Enumerated population January 1, 1920.